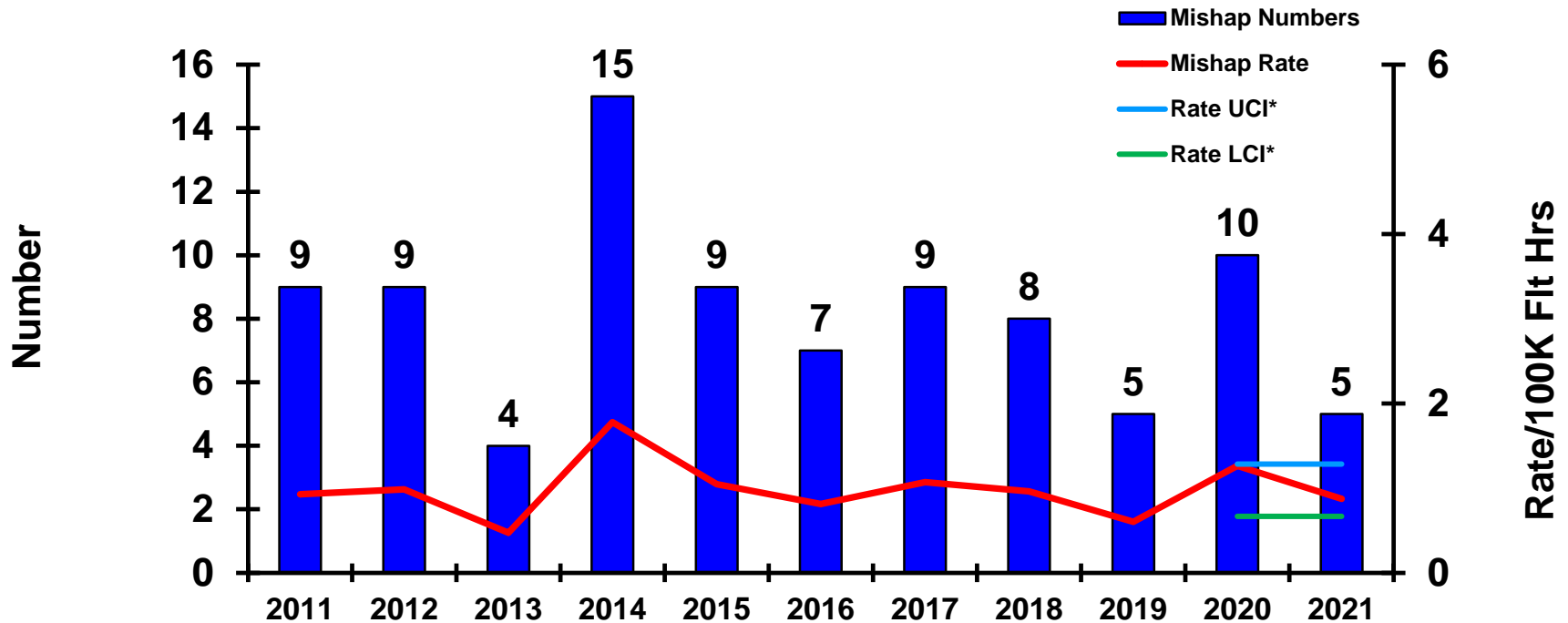




CLASS A FLIGHT MISHAPS

Manned Aircraft Only



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

5/0.87

5/0.90

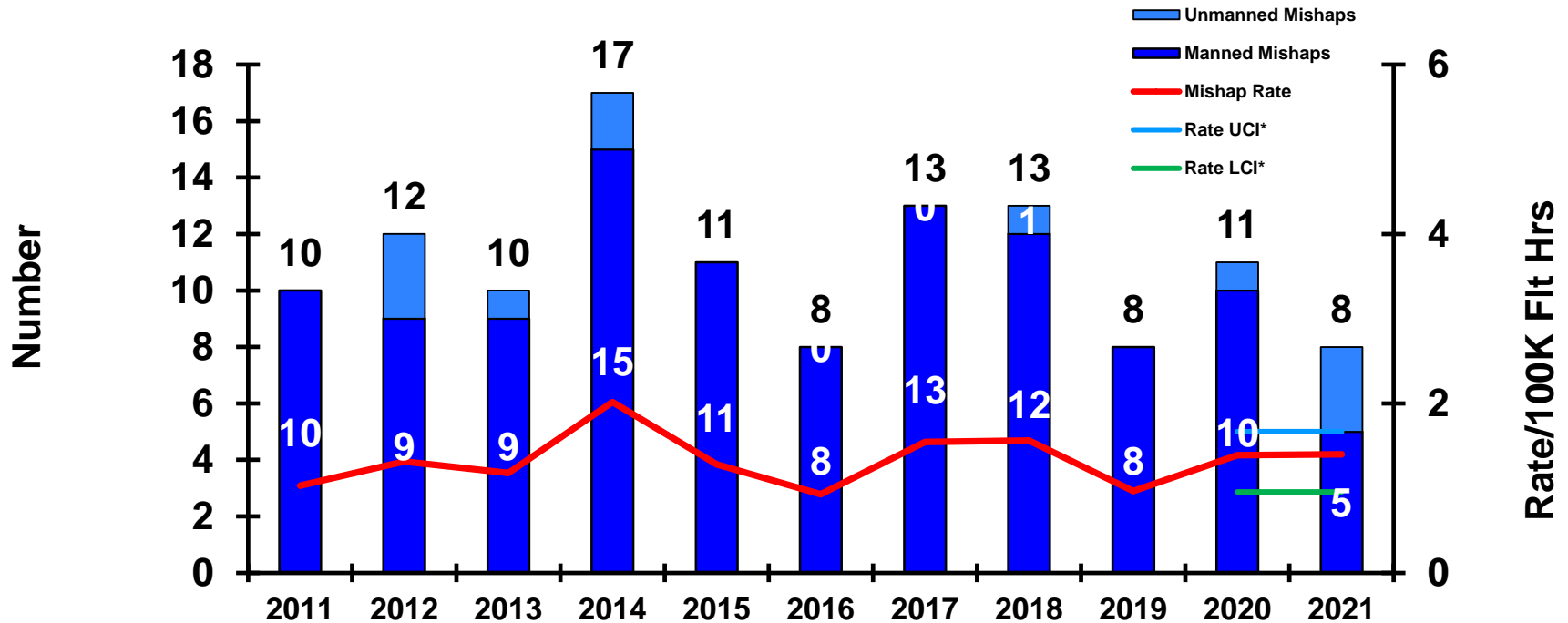
10/1.26

8.50/0.99

*see last slide for definition of UCI/LCI



CLASS A AVIATION MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

8/1.40

5/0.90

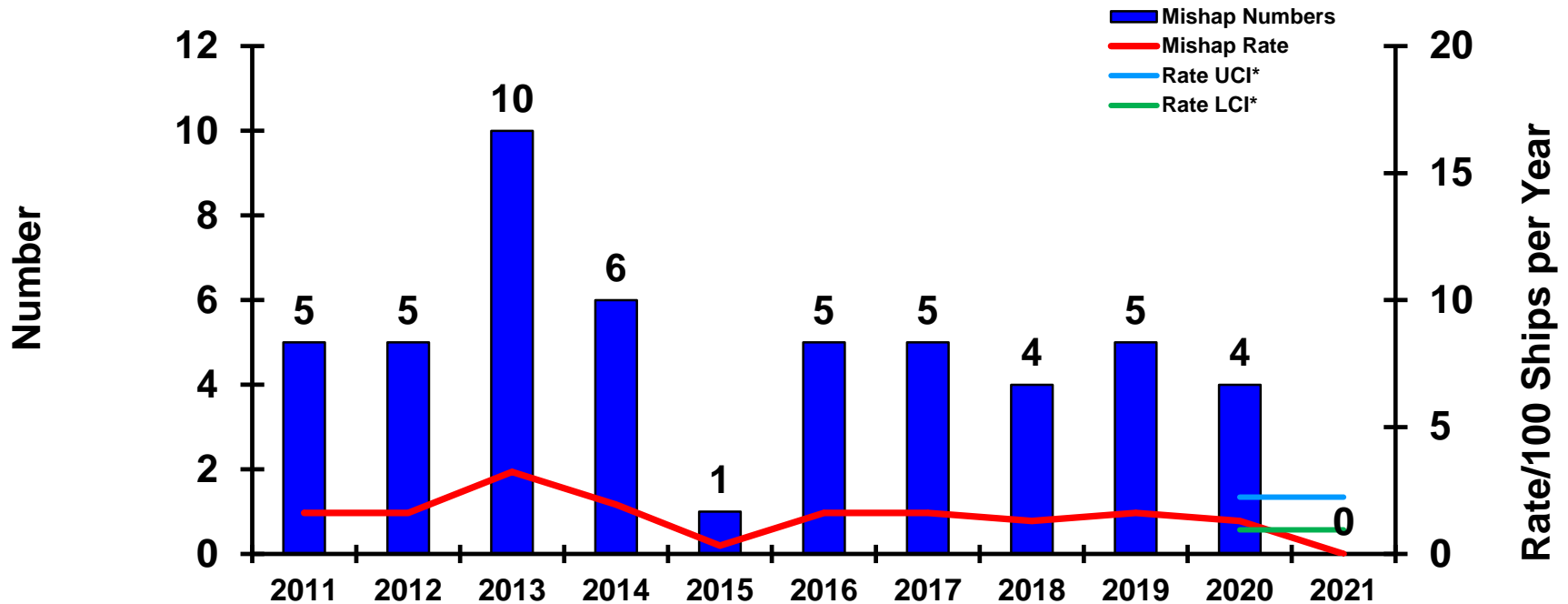
11/1.39

11.30/1.32

*see last slide for definition of UCI/LCI



CLASS A AFLOAT MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

0/0.00

3/1.37

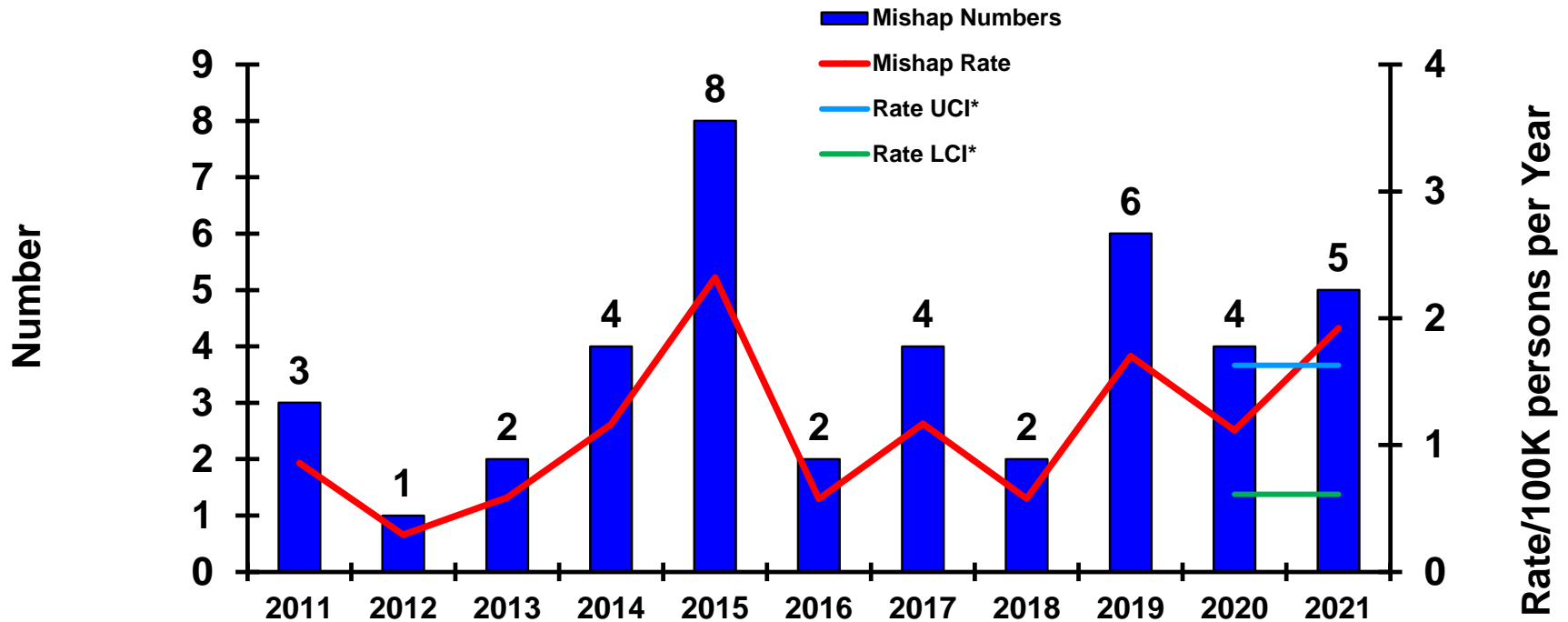
4/1.29

5.00/1.62

*see last slide for definition of UCI/LCI



CLASS A SHORE ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21

5/1.92

16-Jun-20

3/1.18

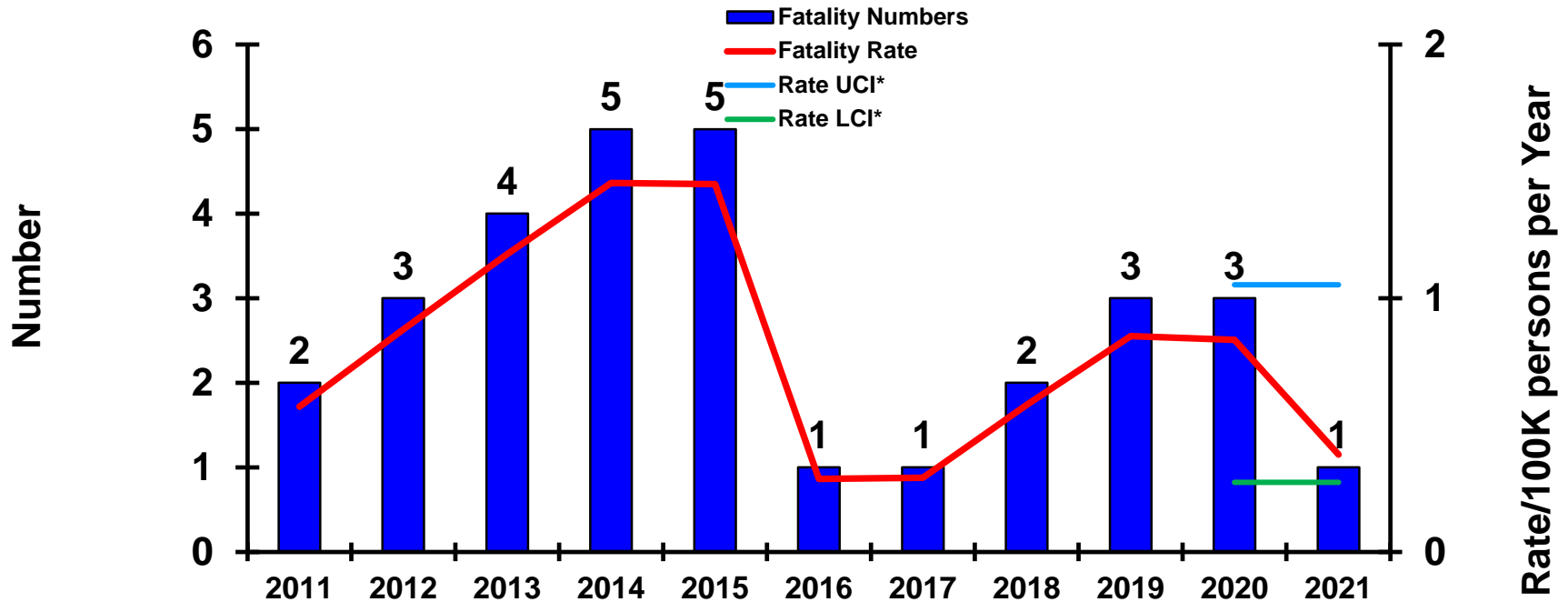
4/1.12

3.60/1.04

*see last slide for definition of UCI/LCI



PHYSICAL TRAINING FATALITIES



FATALITIES/FATALITY RATE FY COMPARISON:

FY20 FATALITIES/FATALITY RATE:

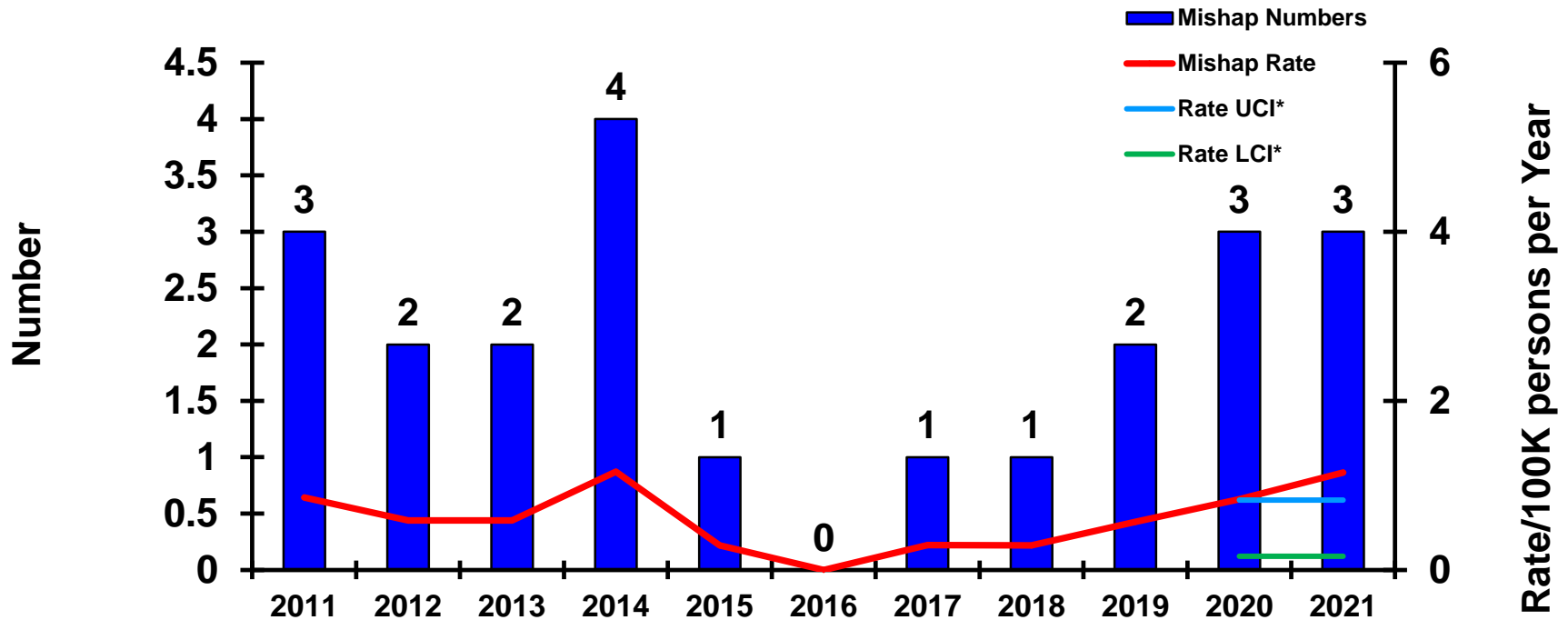
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:

16-Jun-21	16-Jun-20
1/0.38	3/1.18
3/0.84	
2.90/0.84	

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21

3/1.15

16-Jun-20

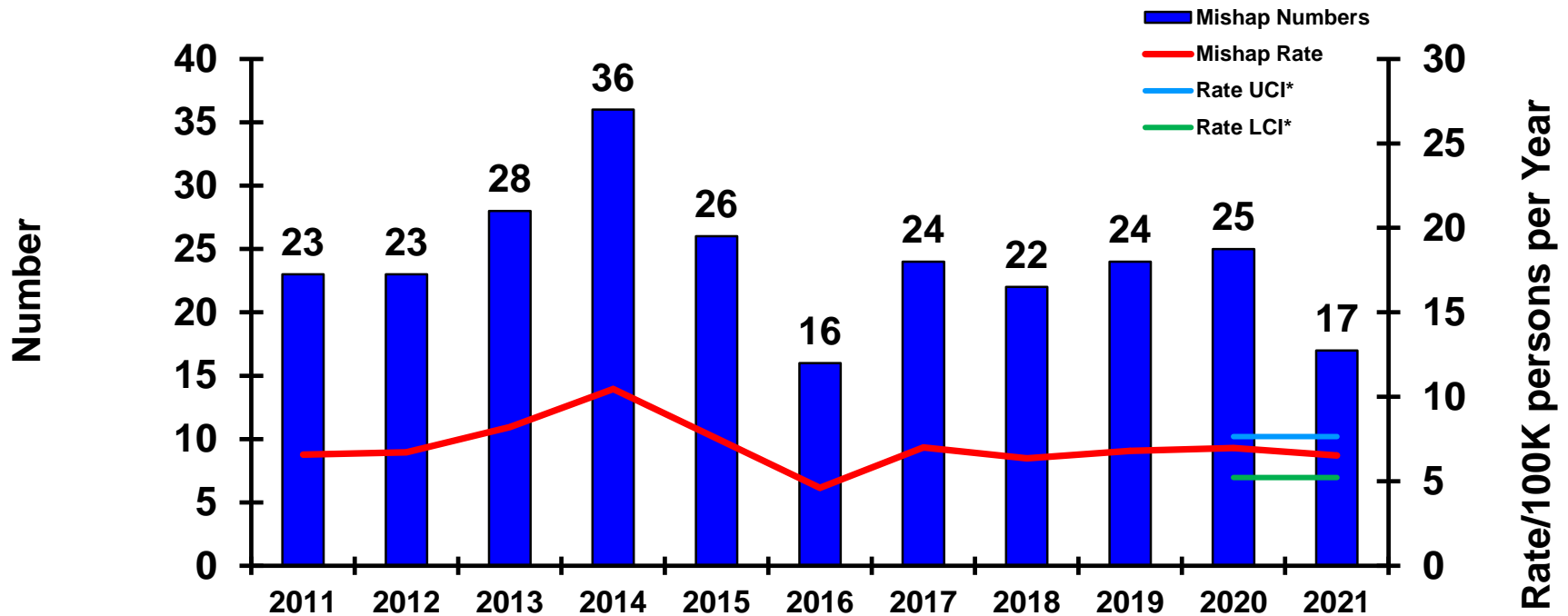
2/0.79

3/0.84

1.90/0.55



TOTAL CLASS A ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21

17/6.53

16-Jun-20

16/6.29

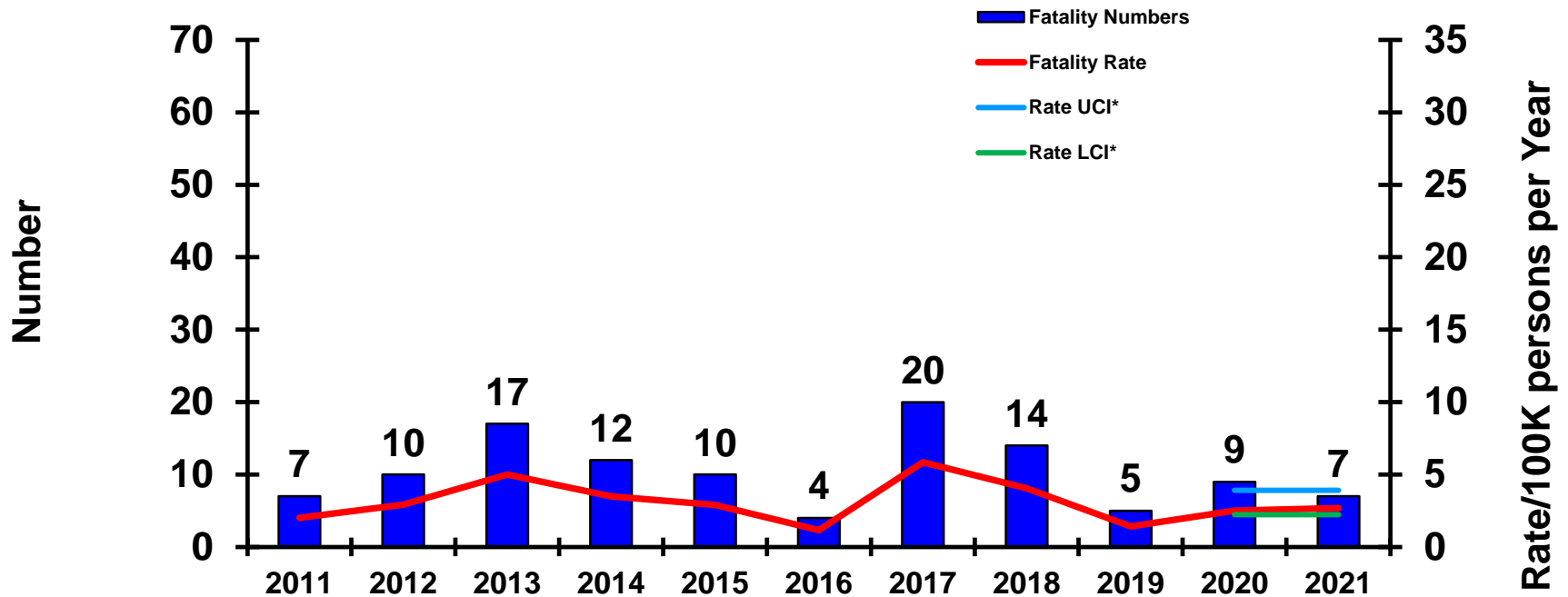
25/6.97

24.70/7.13

*see last slide for definition of UCI/LCI



ON-DUTY FATALITIES

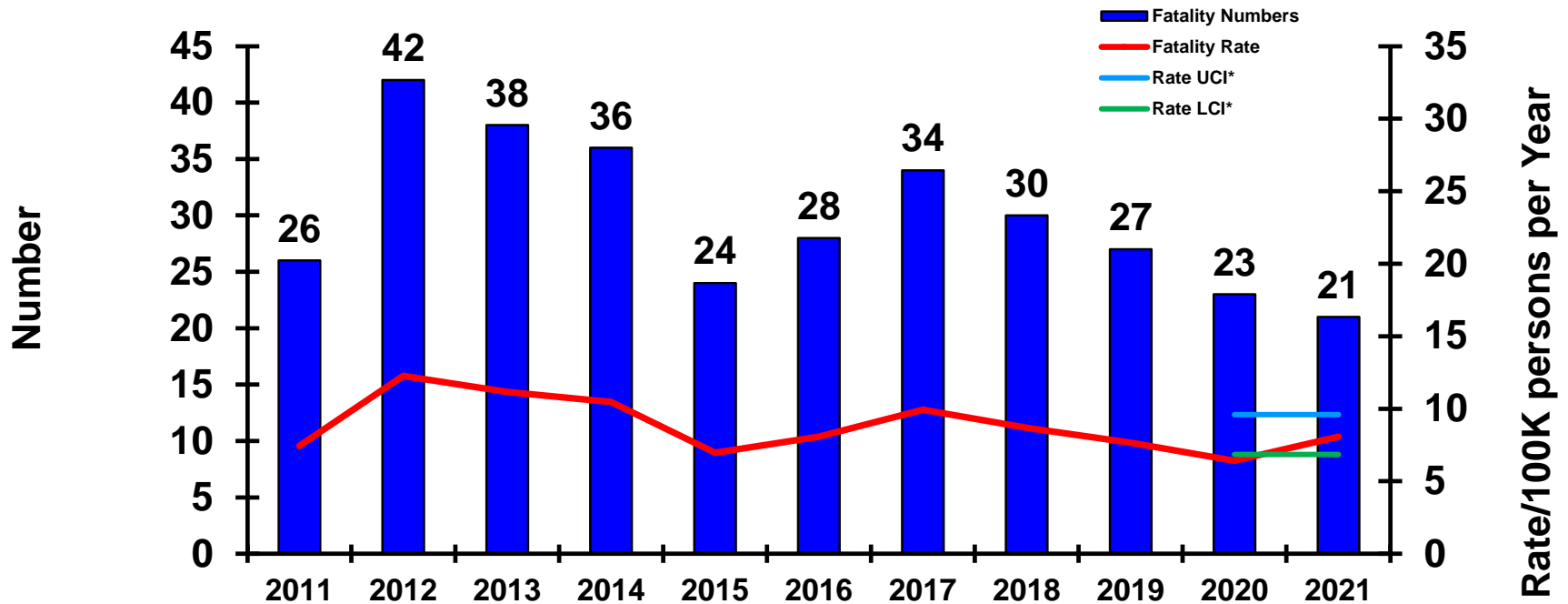


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	7/2.69	8/3.14
FY20 FATALITIES/FATALITY RATE:	9/2.51	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	10.80/3.13	

*see last slide for definition of UCI/LCI



PMV FATALITIES

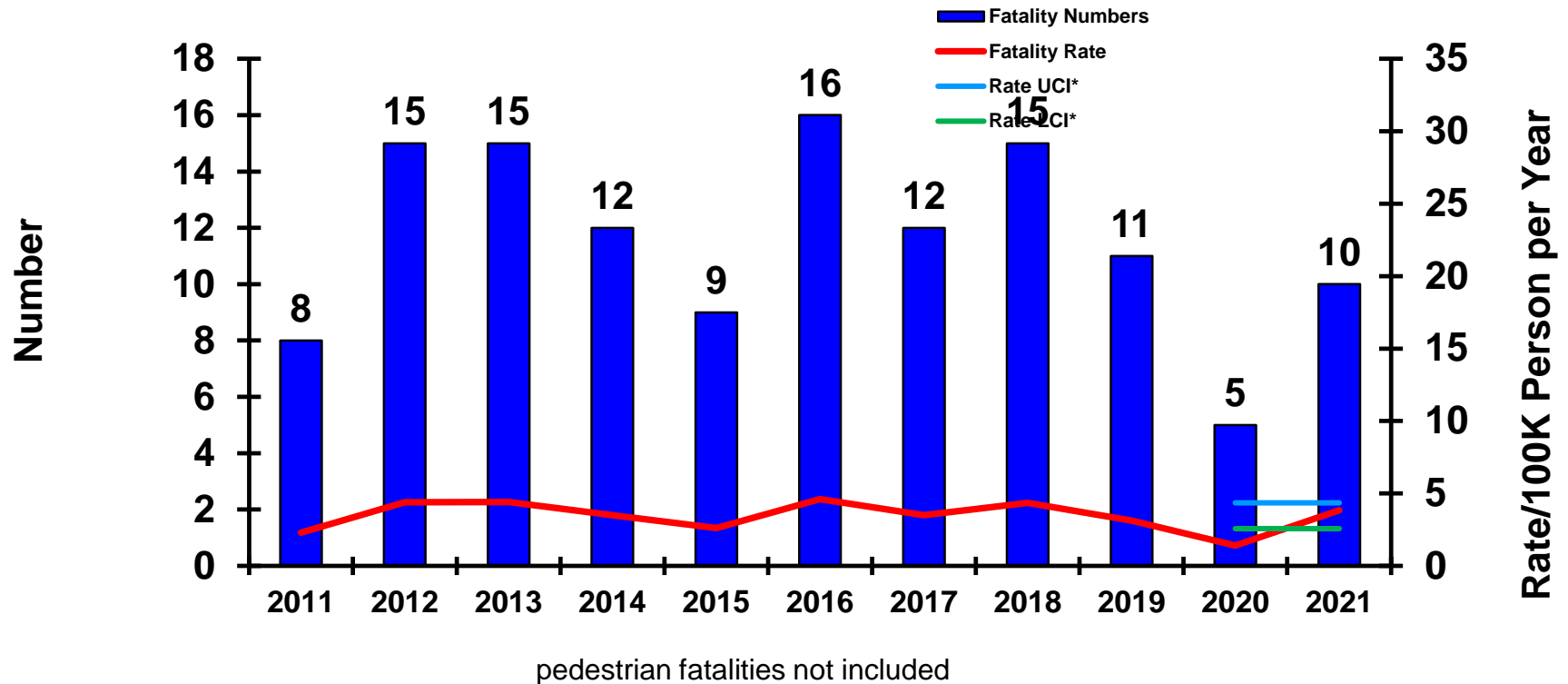


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	21/8.07	12/4.72
FY20 FATALITIES/FATALITY RATE:	23/6.41	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	30.80/8.90	

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES

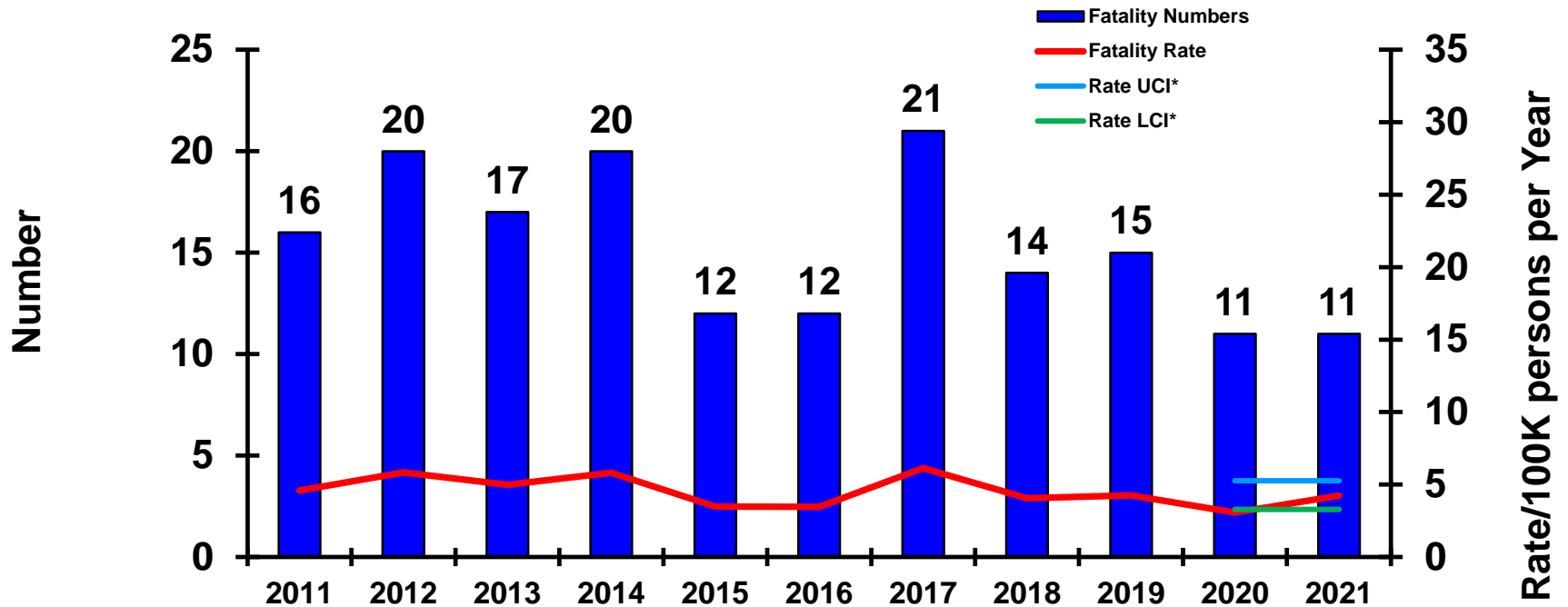


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	10/3.84	3/1.18
FY20 FATALITIES/FATALITY RATE:	5/1.39	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	11.80/3.41	

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES

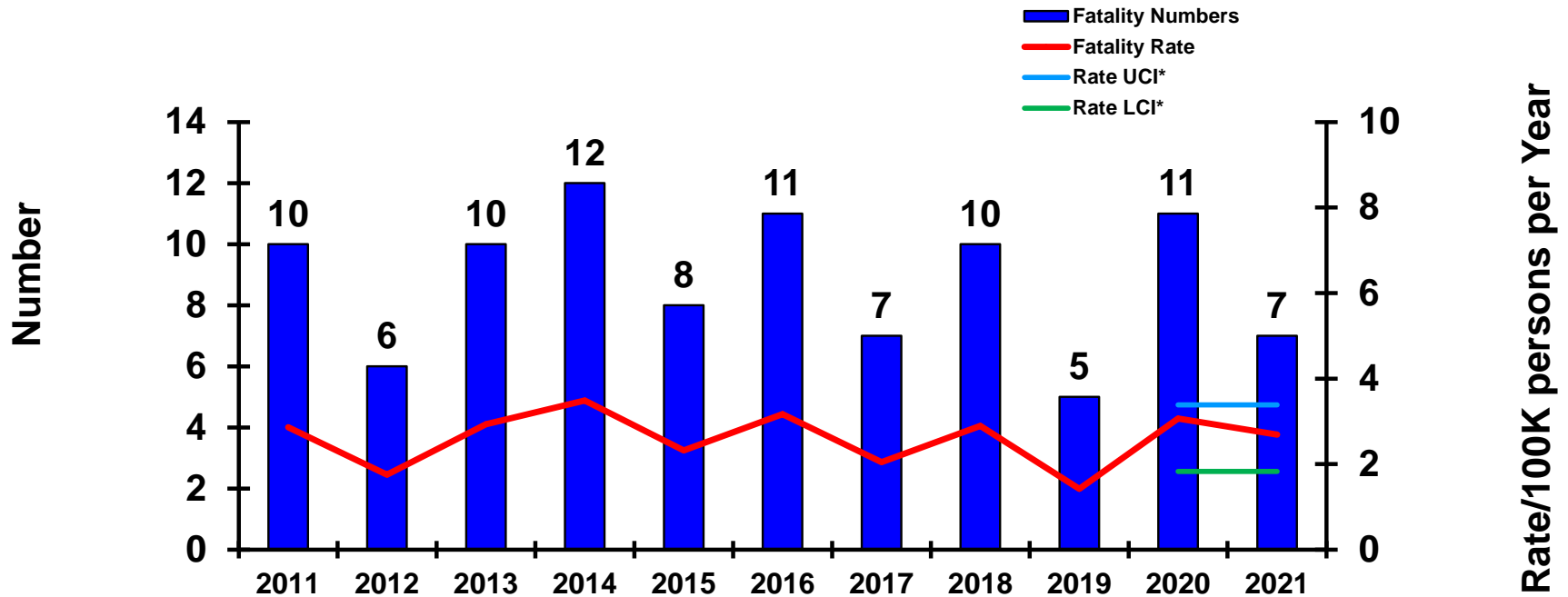


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	11/4.23	5/1.97
FY20 FATALITIES/FATALITY RATE:	11/3.07	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	15.80/4.57	

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES

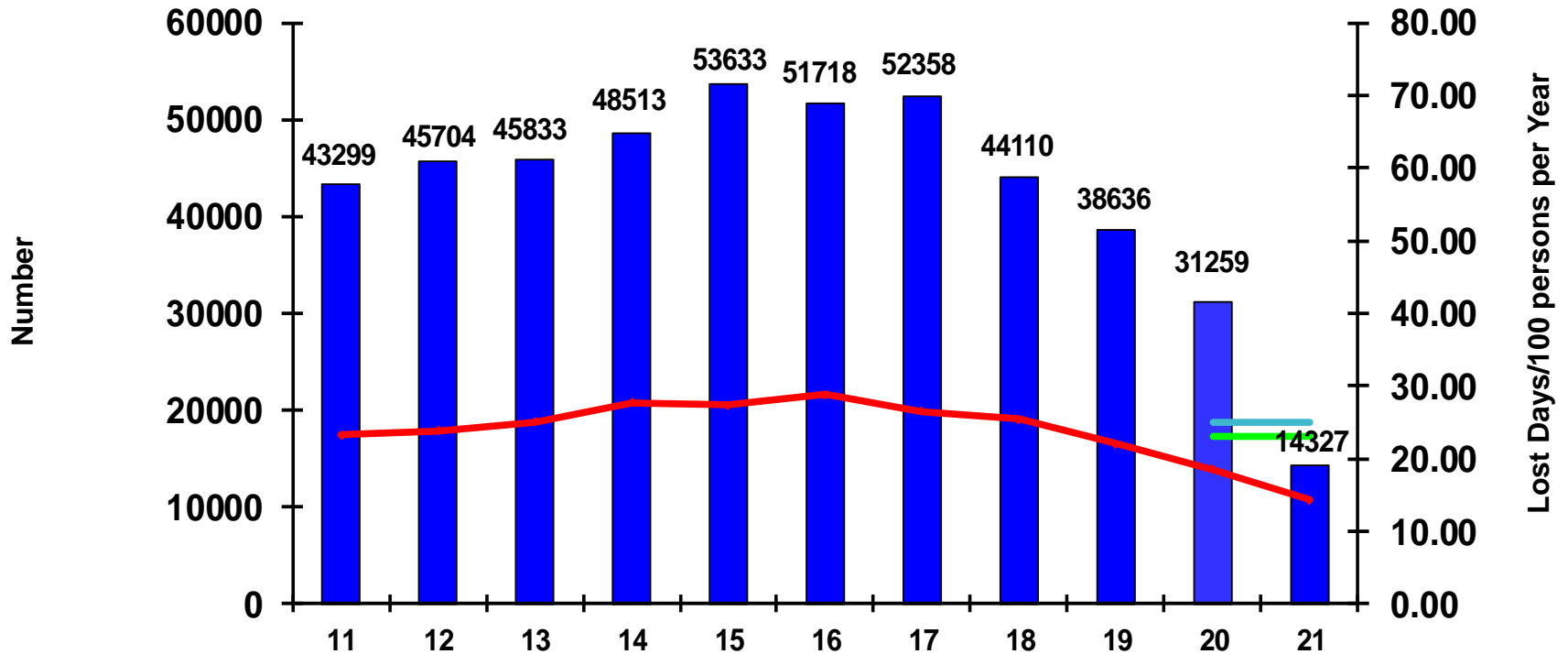


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	7/2.69	6/2.36
FY20 FATALITIES/FATALITY RATE:	11/3.07	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	9.00/2.60	

*see last slide for definition of UCI/LCI



CIVILIAN LOST WORK DAY

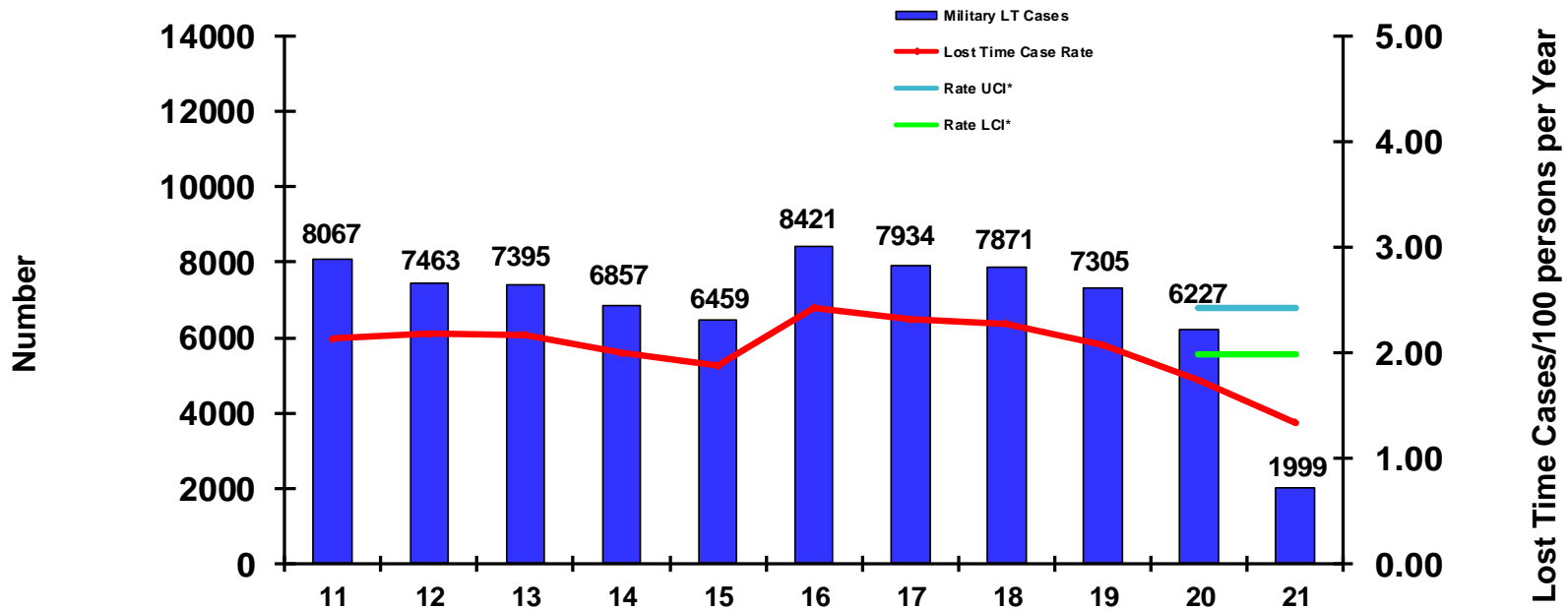


		<u>13 Mar 21</u>
LOST WORK DAY FY RATE COMPARISON:		14.30
FY20 LOST WORK DAY RATE:		14.80
5-YEAR AVERAGE (FY16-20) LOST WORK DAY RATE:		21.88

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



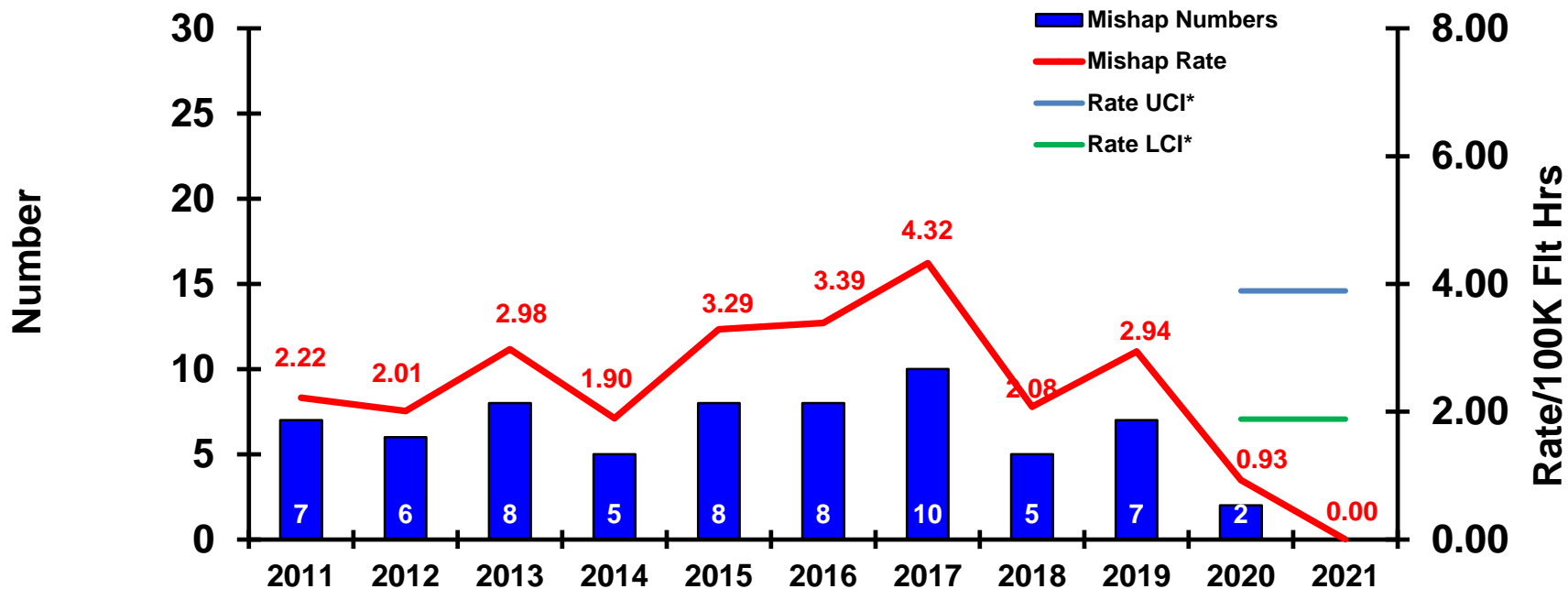
	<u>28 Feb 21</u>
LOST WORK TIME CASE RATE:	1.34
FY20 LOST TIME CASE RATE:	1.74
5-YEAR AVERAGE (FY16-20) LOST TIME CASE RATE:	2.16

*see last slide for definition of UCI/LCI



CLASS A *FLIGHT* MISHAPS

Manned Aircraft Only



CLASS A FM/FM RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21

0/0.00

16-Jun-20

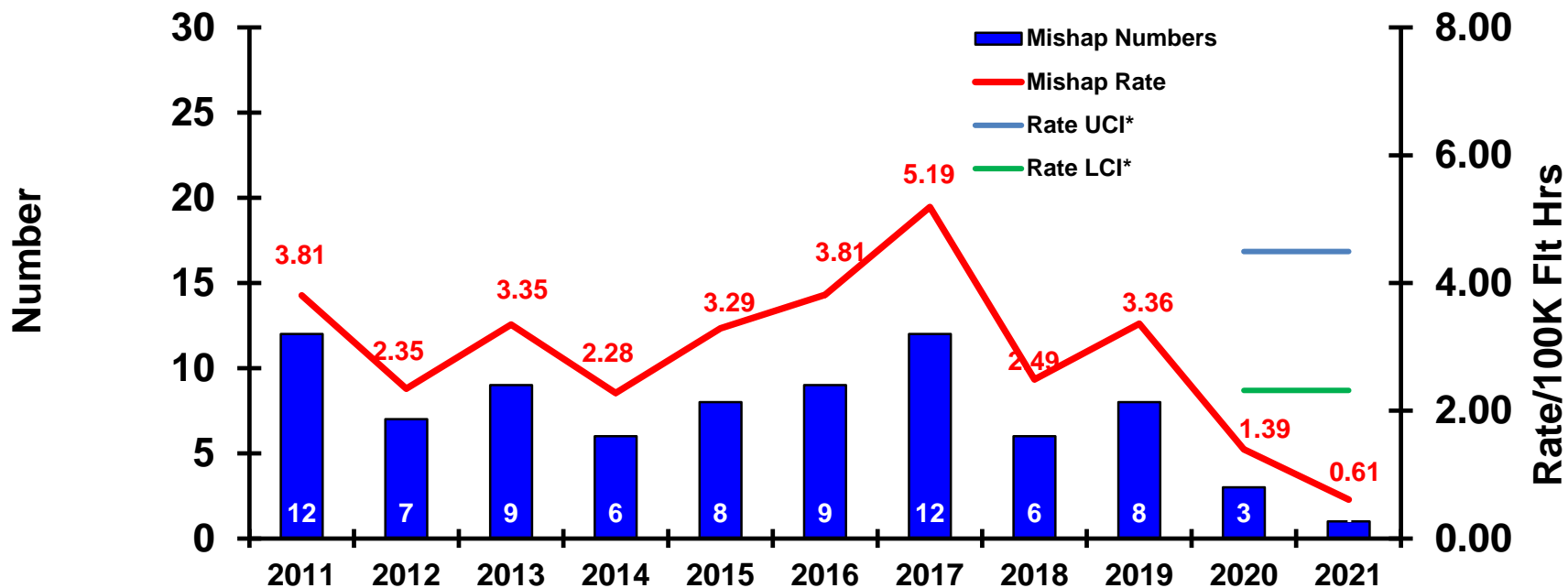
0/0.00

2/0.93

6.60/2.61



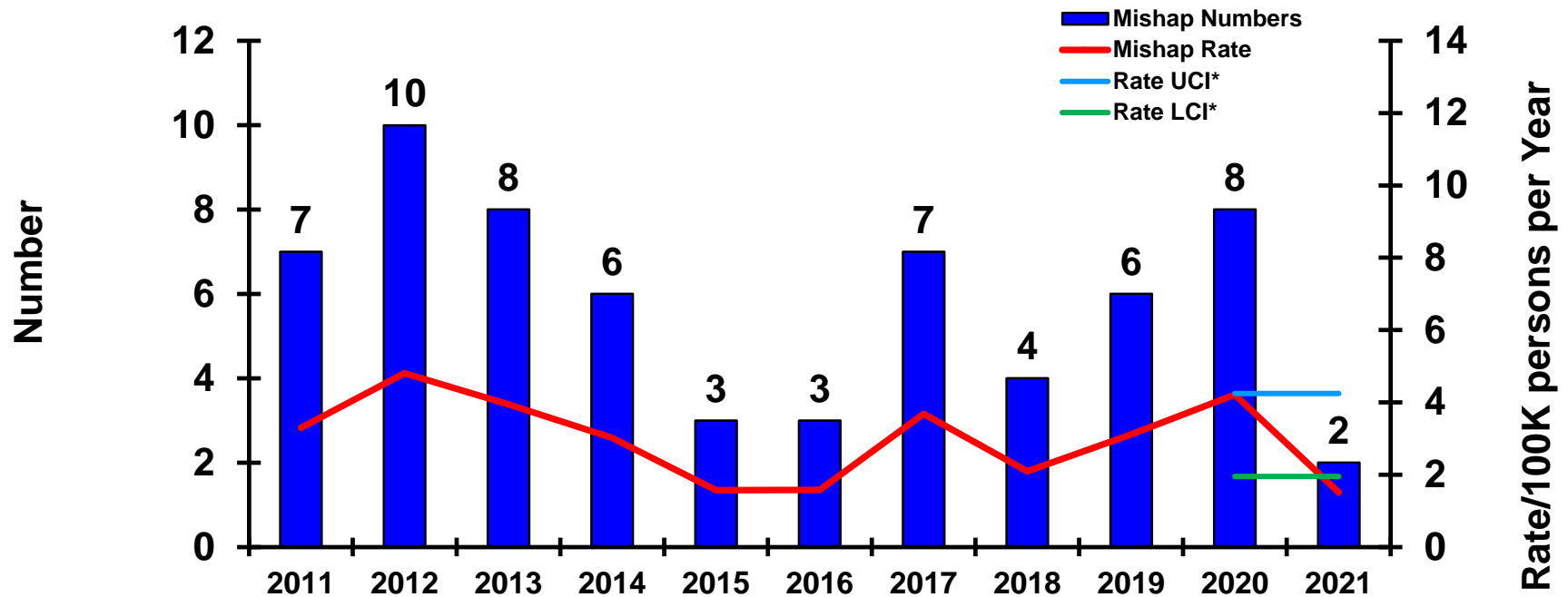
CLASS A AVIATION MISHAPS



	16-Jun-21	16-Jun-20
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	1/0.61	1/0.65
FY20 MISHAPS/MISHAP RATE:	3/1.39	
10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:	8.00/3.13	



CLASS A GROUND ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

2/1.51

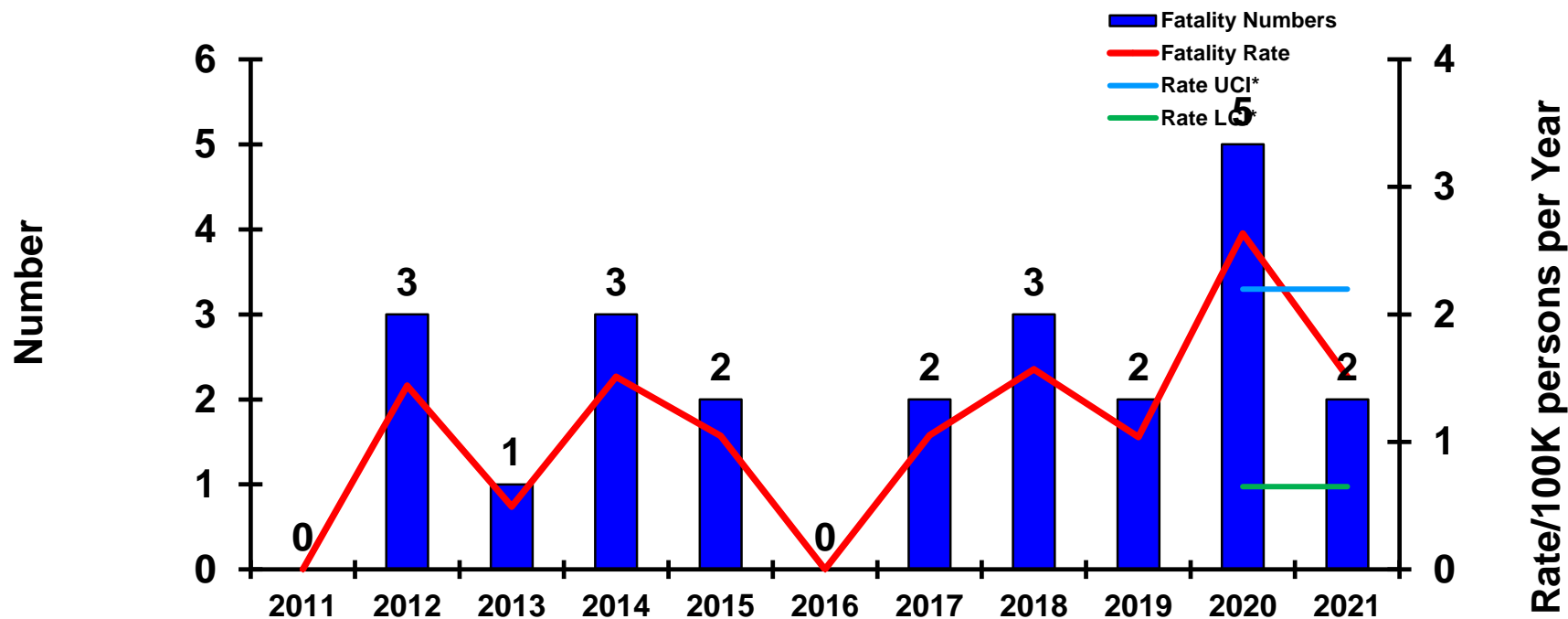
5/3.71

8/4.21

6.20/3.13



PHYSICAL TRAINING FATALITIES



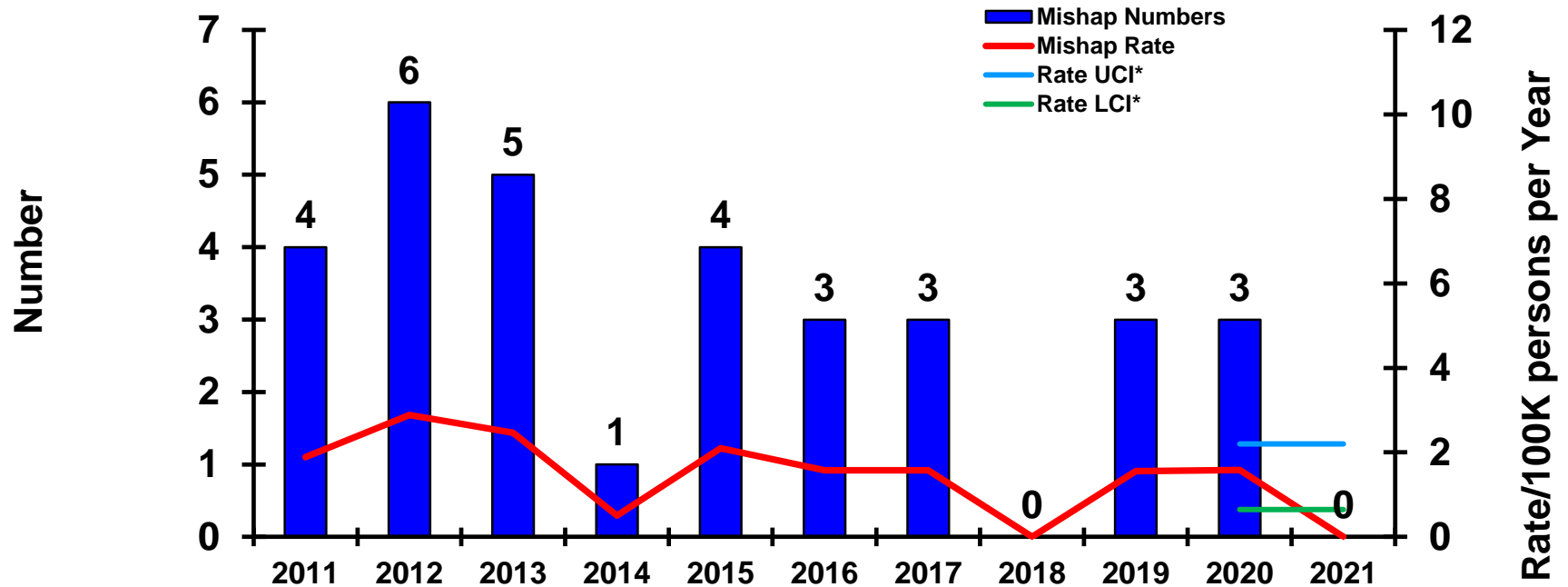
PT fatalities are also reflected in the Ground On-Duty Mishap slide

	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	2/1.51	3/2.23
FY20 FATALITIES/FATALITY RATE:	5/2.63	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	2.10/1.08	

*see last slide for definition of UCI/LCI



CLASS A ON-DUTY MV MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

0/0.00

2/1.49

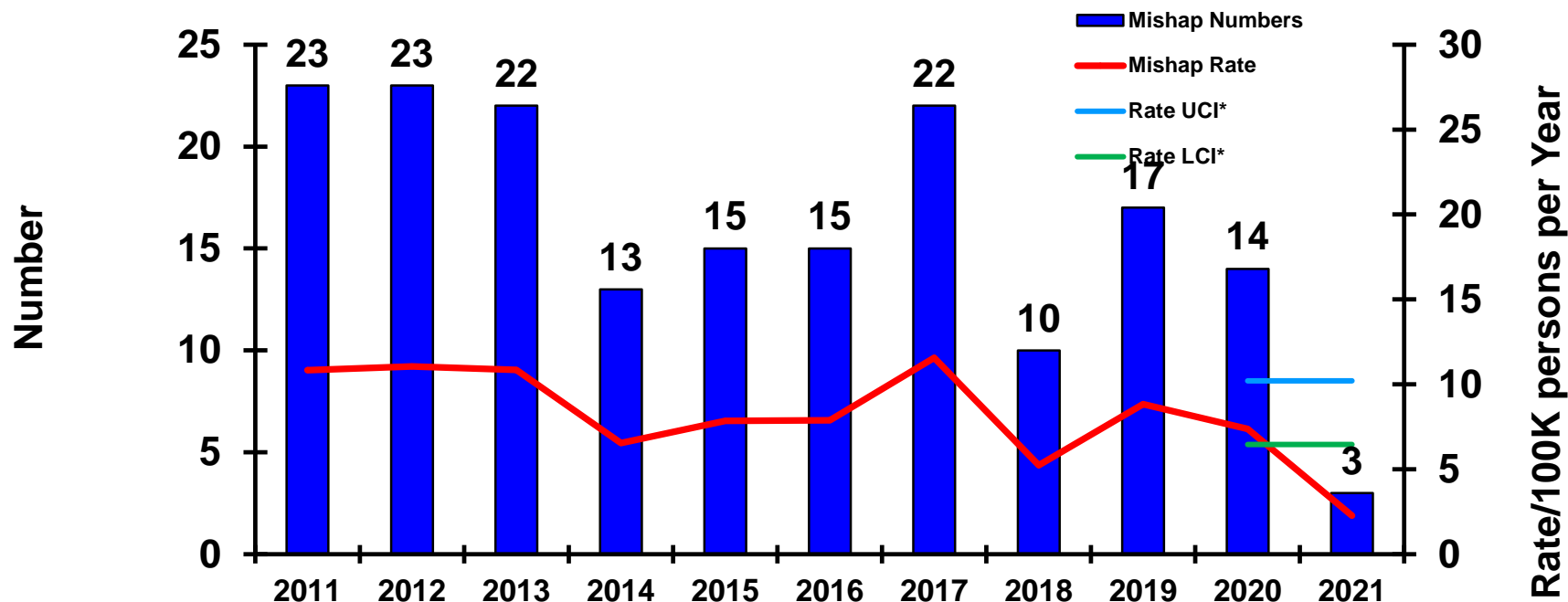
3/1.58

3.20/1.61

*see last slide for definition of UCI/LCI



TOTAL CLASS A ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:

FY20 MISHAPS/MISHAP RATE:

10-YEAR AVERAGE (FY11-20) MISHAPS/MISHAP RATE:

16-Jun-21 16-Jun-20

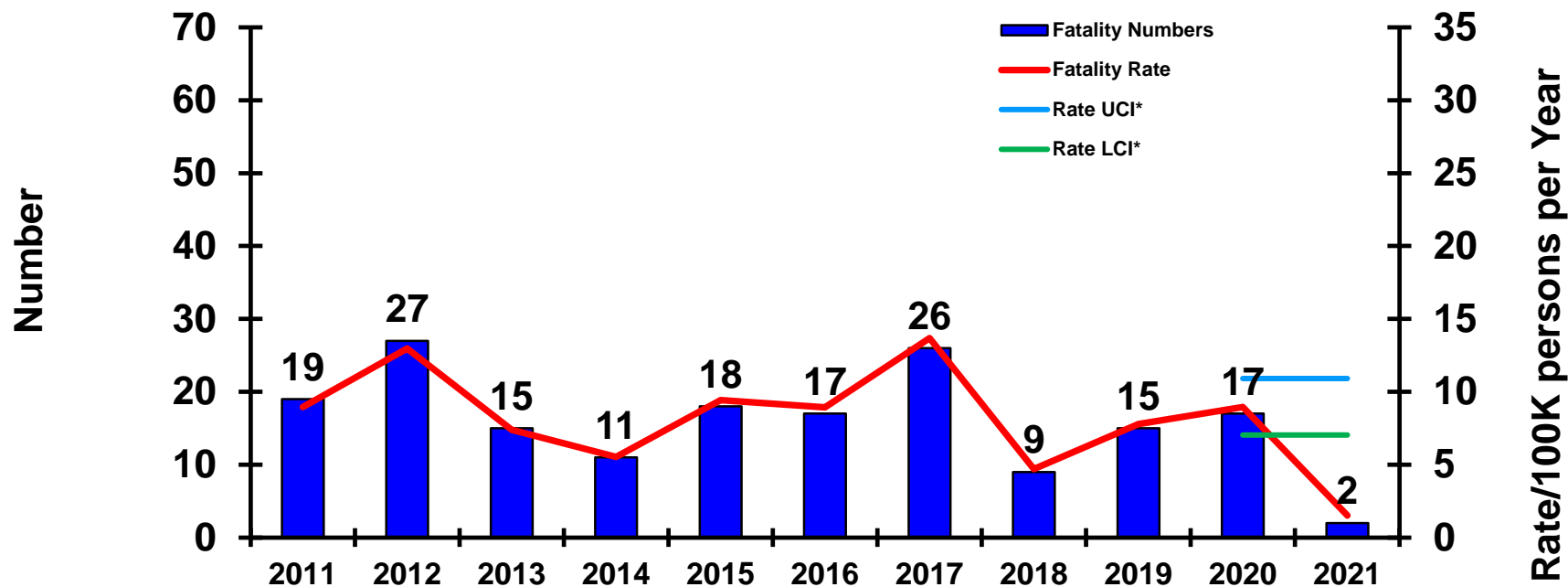
3/2.27 8/2.82

14/7.37

17.40/8.80



ON-DUTY FATALITIES

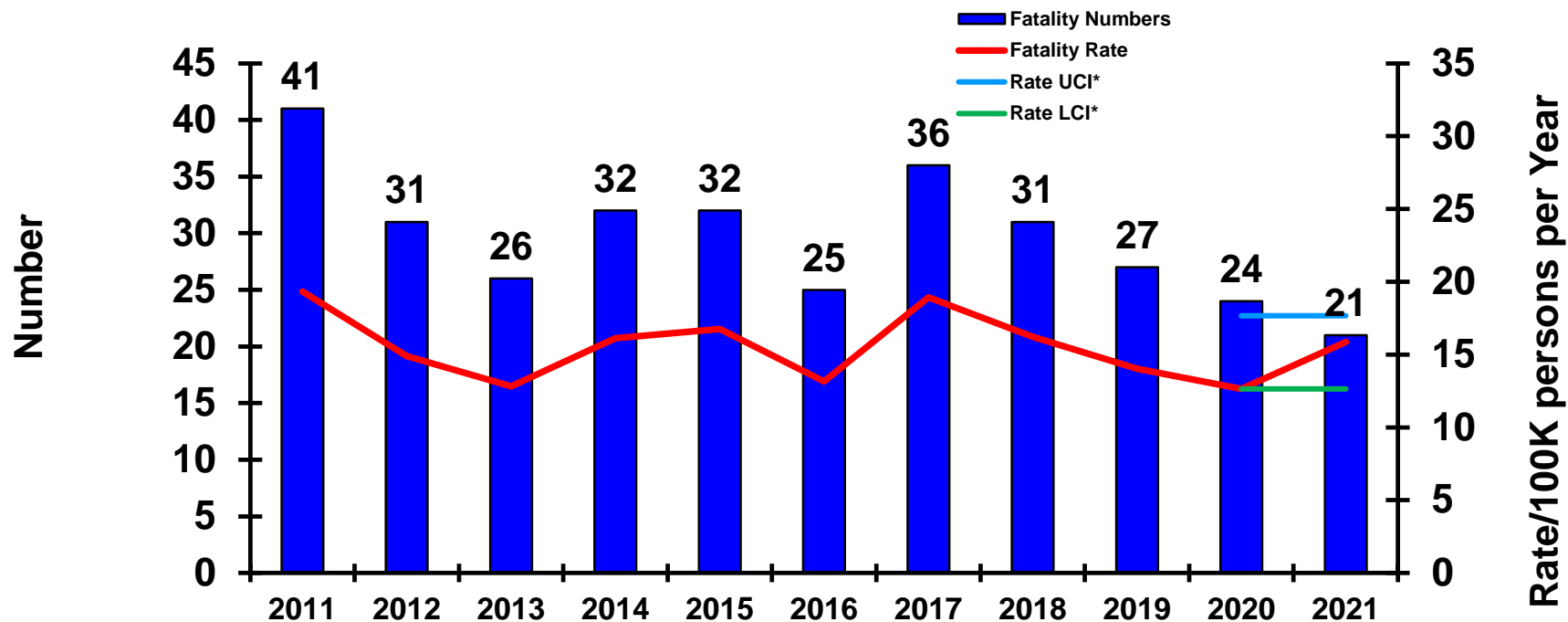


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	2/1.51	5/3.71
FY20 FATALITIES/FATALITY RATE:	17/8.95	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	17.40/8.84	

*see last slide for definition of UCI/LCI



PMV FATALITIES

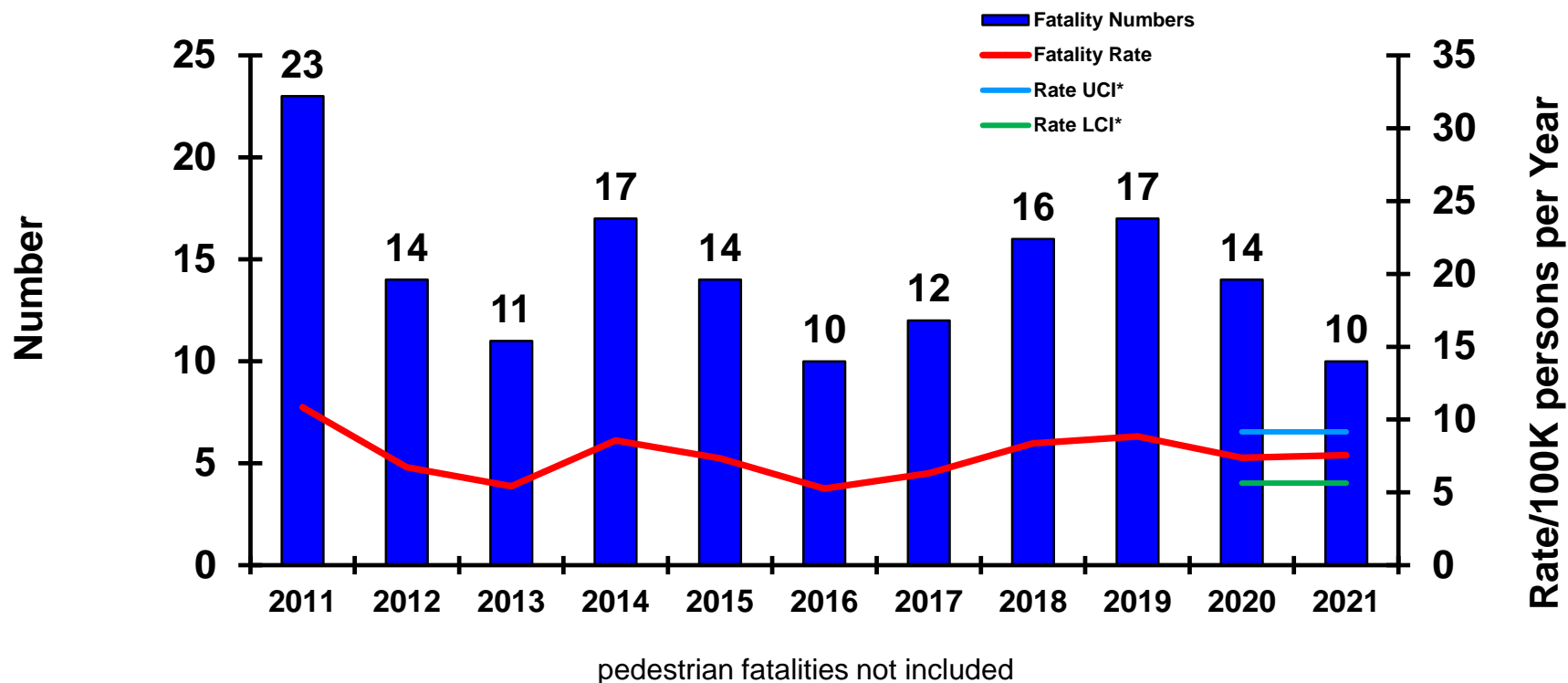


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	21/15.86	15/11.14
FY20 FATALITIES/FATALITY RATE:	24/12.64	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	30.50/15.49	

*see last slide for definition of UCI/LCI



4-WHEEL PMV FATALITIES

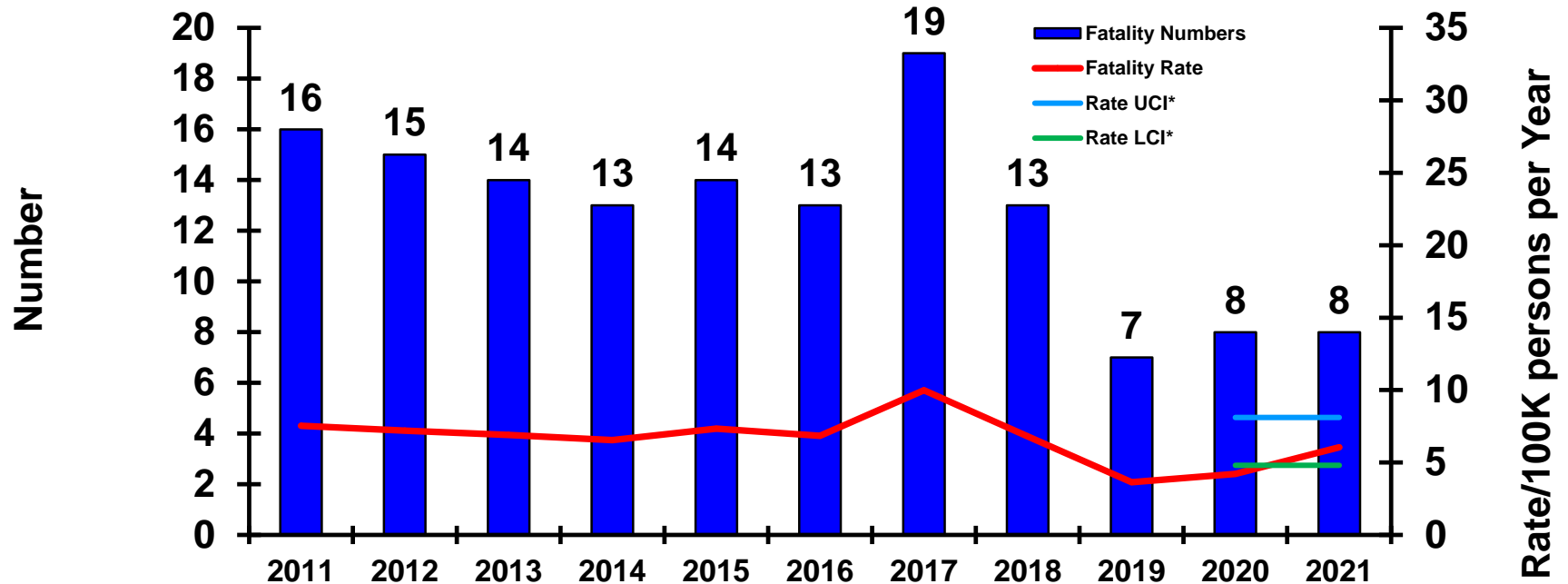


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	10/7.55	8/5.94
FY20 FATALITIES/FATALITY RATE:	14/7.37	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	14.80/7.50	

*see last slide for definition of UCI/LCI



MOTORCYCLE PMV FATALITIES

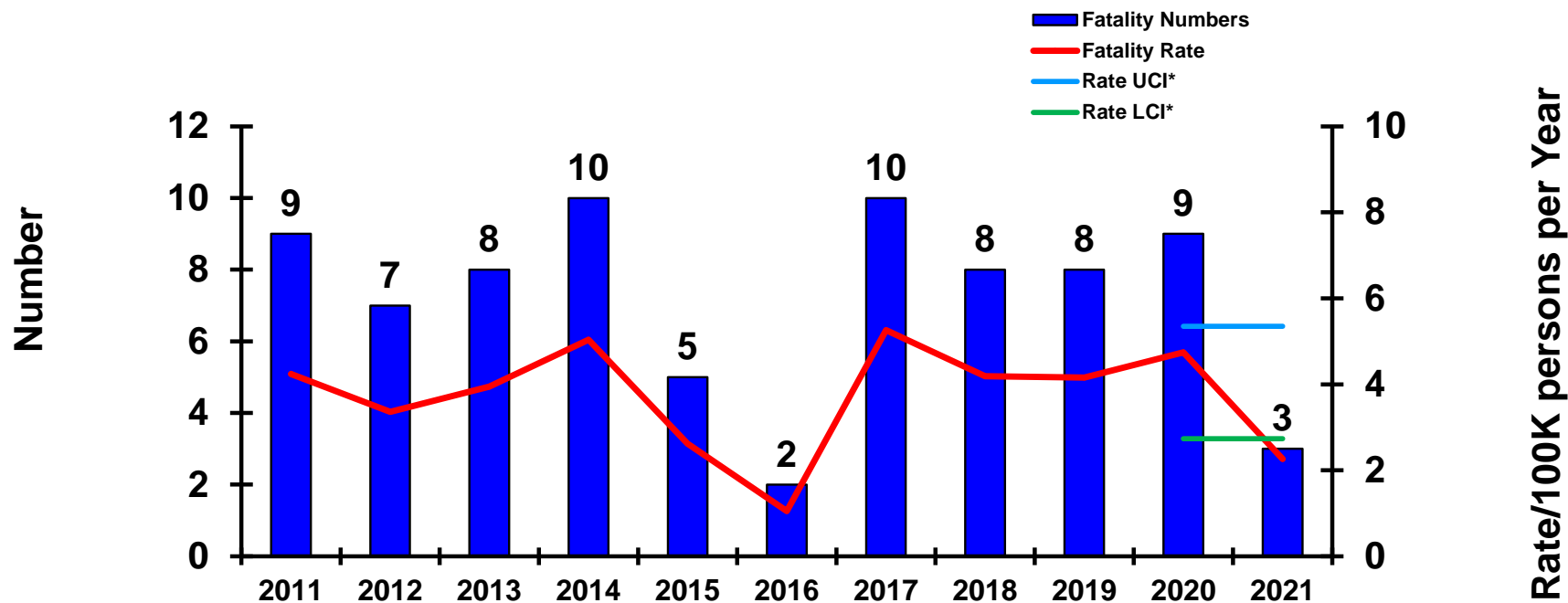


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	8/6.04	5/3.71
FY20 FATALITIES/FATALITY RATE:	8/4.21	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	13.20/6.70	

*see last slide for definition of UCI/LCI



OFF-DUTY/REC FATALITIES

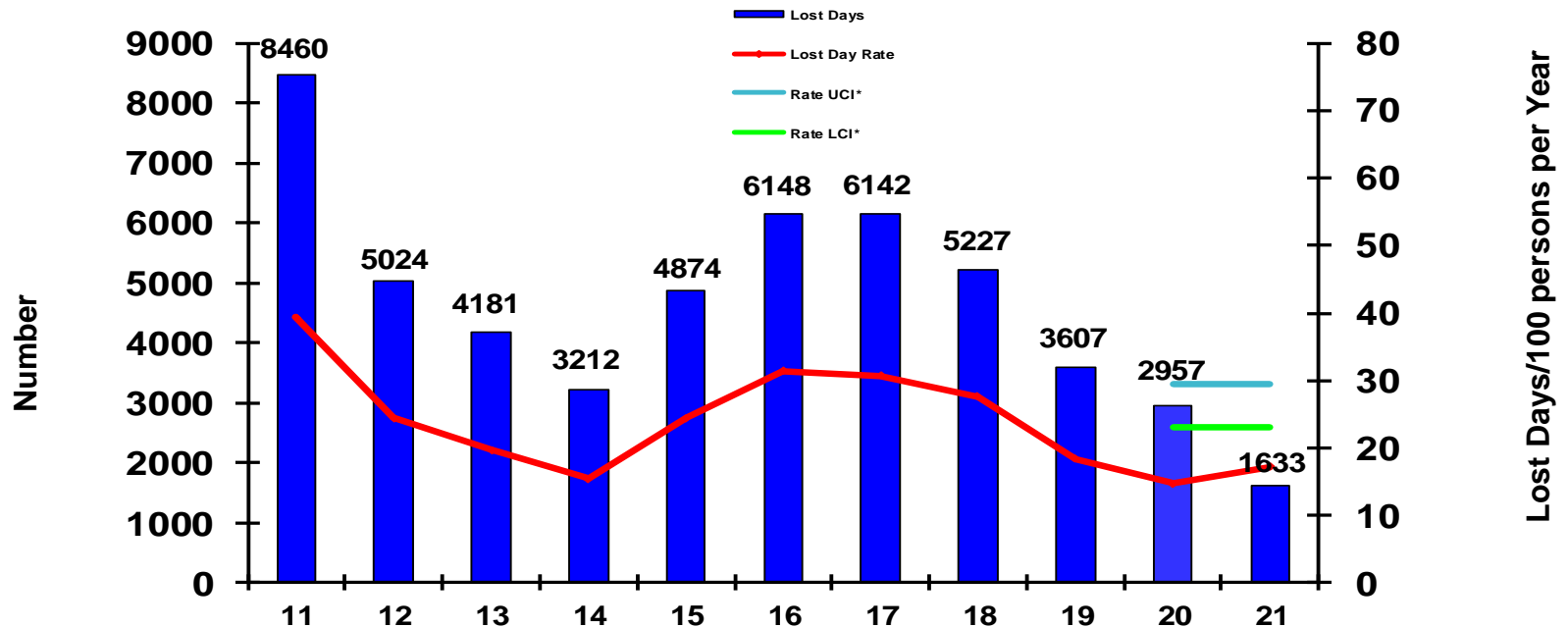


	16-Jun-21	16-Jun-20
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	3/2.27	5/3.71
FY20 FATALITIES/FATALITY RATE:	9/4.74	
10-YEAR AVERAGE (FY11-20) FATALITIES/FATALITY RATE:	7.60/3.86	

*see last slide for definition of UCI/LCI



CIVILIAN LOST WORK DAY

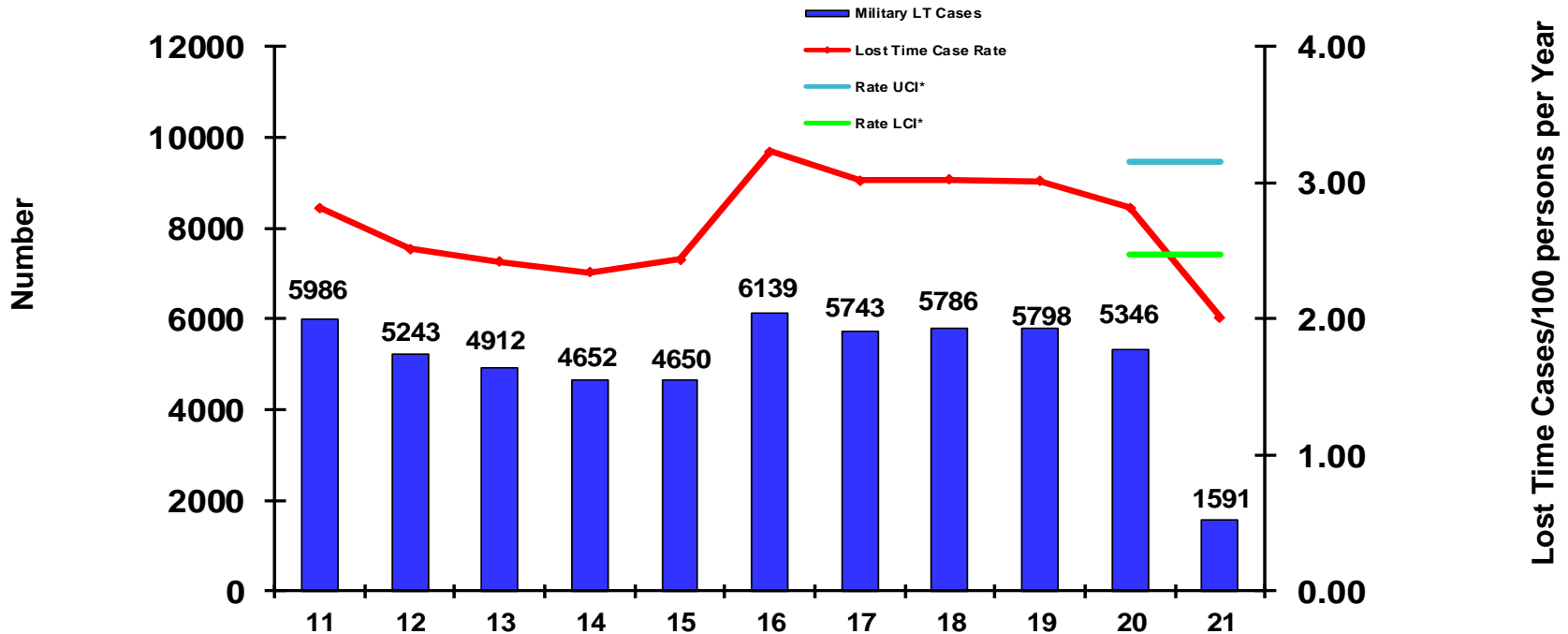


		13 Mar 21
LOST WORK DAY FY RATE COMPARISON:		17.20
FY20 LOST WORK DAY RATE:		14.70
5-YEAR AVERAGE (FY16-20) LOST WORK DAY RATE:		24.55

*see last slide for definition of UCI/LCI



MILITARY LOST TIME CASE RATE



	<u>28 Feb 21</u>
LOST WORK TIME CASE RATE:	2.01
FY20 LOST TIME CASE RATE:	3.01
5-YEAR AVERAGE (FY16-20) LOST TIME CASE RATE:	2.94

*see last slide for definition of UCI/LCI.

Navy Short Narratives

USN AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 17 May 2021 (IVO Kingsville, TX) Two T-45Cs collided during a formation flight. Two successful ejections from one aircraft, the other aircraft safely landed at NAS Kingsville. No injuries reported.
- 26 Apr 2021 (Eastern Pacific Ocean) MQ-8B crashed after departing the perch underway. No fatalities or injuries. (UAV-Flight)
- 24 Mar 2021 (NALF Orange Grove, TX) T-45C crashed after departing the landing pattern. Both crewmembers ejected safely. Aircraft destroyed.
- 22 Mar 2021 (IVO El Centro, CA) : A F/A-18F struck a bird while conducting a low level flight. The aircraft safely returned to base, but the starboard intake and engine were damaged by FOD. No injuries or fatalities reported..
- 16 Nov 2020 (IVO St. Inigoes, MD) At OLF Webster Field, MQ-8C became unresponsive while chocked and chained during a high power maintenance ground turn to test a new battery. Rotor blades ultimately came in contact with the ground causing blade separation and aircraft damage. (UAV AGM)
- 10 Nov 2020 (NAS Point Mugu, CA) MQ-8C crashed on final approach to designated Touchdown Point during Functional Check-Flight. No personnel injured. (UAV)
- 23 Oct 2020 (IVO Foley, AL) T-6B on training mission crashed. Both aircrew deceased.
- 20 Oct 2020 (IVO China Lake, CA) While attempting to return to airport with an in-flight emergency, F/A-18E crashed; pilot safely ejected.

USN AFLOAT CLASS A MISHAPS

- No Reported Mishaps this period

USN SHORE CLASS A MISHAPS

- 27 April 2021 (NSA Crane, Indiana) Forklift struck a crate damaging high-valued electronic warfare equipment.
- 15 Mar 2021 (NS Norfolk, VA) Shipyard worker found lodged and unresponsive in the NR2 generator blow-in door. Worker freed, CPR commenced, died at hospital.
- 14 Dec 2020 (Indian Head, MD) Civilian Firefighter/EMT contracted COVID-19 while on duty. FF/EMT passed away on 1 Jan 2021
- 1 Dec 2020 (Patuxent River, MD) CIV U/W ISO USV test. Crew of 16 beginning experiencing COVID-19 symptoms on 1 Dec. U/W vessel returns to port 10 Dec. Individual reported to hospital, put on ventilator on 13 Dec, removed on 16 Dec, remained hospitalized, succumbed to disease on 4 Jan 2021.
- 16 Oct 2020 (Norfolk NS, Norfolk, VA) SVM hit by forklift at Pier 14, pronounced deceased at hospital.

Navy Short Narratives

USN PHYSICAL TRAINING CLASS A MISHAPS

- 5 Apr 2021 (Pensacola, FL) SVM participating in high-risk training pool evolution at Aviation Rescue Swimmer School. SVM found unresponsive in pool, CPR performed, revived. SVM placed in intensive care at hospital. SVM taken off life-support on 13 Apr.

USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

- 27 Mar 2021 (Fayetteville, NC) SVM (SELRES-On Duty) SVM as part of Honors Detail was travelling to funeral and was involved in a car accident. Succumbed to injuries on 30 Mar.
- 21 Mar 2021 (Winslow, AZ) SVM, while on PCS orders, involved in multi-vehicle car accident on I-40W. Deceased at scene.
- 2 Mar 2021 (IVO Camp Pendleton, CA) Military convoy of seven vehicles involved in an accident on I-5. 1 x SVM fatality, 1 x serious injury and 4 x minor injuries.

USN PRIVATE MOTOR VEHICLE FATALITIES

- 17 May 2021 (Levittown, PA) SVM lost control of his motorcycle and impacted ground. Deceased on scene.
- 8 May 2021 (Virginia Beach, VA) SVM was passenger in a single-vehicle motor vehicle accident. Pinned in vehicle when caught fire. Deceased on scene.
- 22 Apr 2021 (Hampton, VA) SVM involved in a motorcycle accident with another vehicle, airlifted to hospital. Succumbed to injuries at hospital.
- 17 Apr 2021 (Warwick Township, PA) SVM, on leave, involved in a single car accident, deceased at the scene.
- 11 Apr 2021 (San Diego, CA) SVM involved in single vehicle motorcycle fatal accident.
- [10 Apr 2021 \(Pauma Valley, CA\) SVM on motorcycle collided head-on with auto in his lane. Died in hospital.](#)
- 3 Apr 2021 (Perris, CA) SVM involved in single vehicle motorcycle accident. Deceased at scene.
- 28 Mar 2021 (Turlock, CA) SVM involved in motor vehicle accident. Deceased at scene. .
- 15 Mar 2021 (Virginia Beach, VA) SVM involved in a single vehicle accident. SVM not wearing seat belt, deceased at scene.
- 12 Mar 2021 (Chula Vista, CA) SVM involved in motorcycle accident. Deceased.
- 22 Jan 2021 (Waialua, HI) SVM was riding a motorcycle on Schofield Barracks, lost control. Transported to hospital, succumbed to injuries at hospital.
- 10 Jan 2021 (Norfolk, VA) SVM was riding a motorcycle on I-64W and struck the back of a passenger vehicle when that vehicle changed lanes. SVM deceased.
- 14 Dec 2020 (Misterbianco, Sicily) SVM involved in single-vehicle accident. Deceased at scene.

Navy Short Narratives

USN PRIVATE MOTOR VEHICLE FATALITIES (continued)

- 11 Dec 2020 (Jacksonville, FL) SVM was rear-ended and side-swiped while stopped for traffic. SVM taken to hospital with life-threatening injuries, succumbed to injuries on 13 Dec 20.
- 5 Dec 2020 (Center Point, AL) Enlisted USNR on drill weekend involved in a single-vehicle car accident. Vehicle left roadway, hit culvert. SVM was passenger, suffered major blunt injuries and died at scene. Seatbelts were not in use.
- 18 Nov 2020 (Union County, FL). SVM involved in head-on motor vehicle collision. Deceased at scene.
- 2 Nov 2020 (Bakersfield, CA) SVM involved in a head-on auto collision. Pronounced deceased at scene of accident.
- 1 Nov 2020 (Marianna, FL) SVM involved in a single-vehicle accident. Pronounced deceased at scene of accident.
- 30 Oct 2020 (Charleston, SC) SVM died in hospital on 5 Nov after motorcycle was involved in a multi-vehicle head-on collision which also killed spouse.
- 3 Oct 2020 (San Diego, CA) SVM involved in motorcycle accident. Deceased at scene
- 3 Oct 2020 (Virginia Beach, VA) SVM struck by vehicle while riding motorcycle. Deceased at scene.

USN OFF-DUTY/RECREATIONAL FATALITIES

- 29 May 2021 (San Diego, CA) SVM found unresponsive in hallway of Unaccompanied Housing facility.
- 7 May 2021 (Jacksonville, FL) SVM received fatal gunshot wound to head due to accidental discharge of firearm in residence.
- 18 Apr 2021 (North Marianas Island, Tinian) SVM died of apparent accidental drowning while snorkeling in Tinian
- 18 Mar 2021 (Glenville, NY) SVM electrocuted in home, taken to hospital. Succumbed due to injuries on 27 Mar.
- 16 Feb 2021 (Norfolk, VA) Personal firearm belonging to another individual was negligently discharged by SVM causing fatal injury to self.
- 15 Dec 2020 (Park City, UT) MIDN drowned in swimming pool while on leave.
- 15 Nov 2020 (IVO Pensacola, FL) SVM drowned after disembarking kayak off White Island.

Marine Corps Short Narratives

USMC AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

- 24 Mar 2021 (NAS Fallon, NV) During start up, an F-35C received foreign object damage to the engine. (AGM)

USMC GROUND CLASS A MISHAPS

- No Reported Mishaps this period

USMC PHYSICAL TRAINING CLASS A MISHAPS

- 4 Jun 2021 (MCRD Parris Island, SC) SVM was found unresponsive during recruit PT. Pronounced deceased at scene.
- 22 Apr 2021 (Erbil, Iraq) During morning PT, SVM experienced shortness of breath. During transport to hospital, went into cardiac arrest and efforts to revive unsuccessful. Pronounced deceased.

USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

- No Reported Mishaps this period.

USMC PRIVATE MOTOR VEHICLE FATALITIES

- 5 Jun 2021 (Severna Park, MD) SVM was passenger in a fatal single vehicle accident. Pronounced deceased at the scene.
- 2 Jun 2021 (Okinawa, Japan) SVM on motorcycle collided with another vehicle. Pronounced dead at the hospital.
- 30 May 2021 (Honolulu, HI) While on leave, SVM struck by a motor vehicle as a pedestrian on 30 May 21. Member deceased on 8 Jun 2021.
- 29 May 2021 (Campo, CA) SVM on motorcycle died at scene of a single-vehicle accident on the Interstate.
- 22 May 2021 (Williamstown, WV) SVM was involved in a motorcycle accident with another vehicle. SVM was pronounced deceased on scene by local authorities.
- 8 May 2021 (Central York, PA) SVM was struck by vehicle while crossing street. Pronounced deceased at scene.
- 15 Apr 2021 (Jacksonville, NC) SVM involved in a single motor vehicle accident. Deceased on scene.
- 04 Apr 2021 (Fairfax County, VA) SVM involved in a motorcycle accident. Deceased on scene.
- 21 Mar 2021 (Wilmington, NC) SVM involved in a motorcycle accident on 19 Mar 2021. Succumbed to injuries at hospital.
- 7 Mar 2021 (Camp Pendleton MCAS, CA) SVM was involved in a multi-vehicle accident (auto) on Las Pulgas Canyon Road. Pronounced deceased at scene.
- 6 Feb 2021 (Harvey, LA) SVM arrived at scene of a single-vehicle accident and exited vehicle to render first aid and was subsequently struck by an SUV travelling through the accident zone. SVM was declared deceased at the University Medical Center New Orleans.
- 7 Jan 21 (La Jolla, CA) SVM was riding a motorcycle and lost control, hitting another vehicle. SVM was wearing PPE but was pronounced deceased at the scene.

Marine Corps Short Narratives

USMC PRIVATE MOTOR VEHICLE FATALITIES (continued)

- 3 Jan 2021 (Homerville, GA) SVM involved in single vehicle accident. SVM and two civilians in vehicle declared deceased at scene.
- 19 Dec 2020 (Stafford, VA). SVM was riding a motorcycle, attempting to merge on I-95S, forced to shoulder. SVM lost control of bike and was ejected. Pronounced deceased at hospital.
- 22 Nov 2020 (Bonsall, CA) SVM involved in a motorcycle accident, deceased at scene.
- 22 Nov 2020 (Cheverly, MD) SVM involved in a motor vehicle accident on Highway 295, pronounced deceased at hospital.
- 21 Nov 2020 (Greensboro, NC) SVM involved in a motor vehicle accident on I-85, deceased at scene.
- 4 Nov 2020 (Palm Springs, CA). SVM involved in a vehicle accident, sustained multiple serious injuries. Succumbed to injuries, deceased on 15 Nov 20.
- 31 Oct 2020: (San Diego, CA) SVM's vehicle struck on driver's side by another vehicle. SVM pronounced deceased at hospital.
- 14 Oct 2020: (Escondido, CA) SVM as passenger, killed in a multi-car event on the Interstate
- 12 Oct 2020 (Pemberton Township, NJ) SVM involved in a single vehicle accident, died at scene.

USMC OFF-DUTY/RECREATIONAL FATALITIES

- 5 Jun 2021 (Okinawa, Japan) 4 x USMC were swimming off coast of Okinawa, Japan. Got caught in rip current. Three able to make it safety. Fourth drowned, body found on 9 Jun.
- 22 May 2021 (Salton Sea, CA) SVM was involved in a single ATV accident, launching SNM from the vehicle. SVM was pronounced deceased on scene.
- 28 Feb 2021 (Okinawa, Japan). While on liberty, SVN was surfing at Ikei Island, Okinawa, Japan. Got caught in riptide and went missing. SVM found by local authorities and USCG. SVM pronounced deceased at scene.



Mishap Confidence Interval



- UCI = Upper Confidence Interval LCI = Lower Confidence Interval
- Rate values above the UCI or below the LCI infer a statistically significant change is probable. This is only an indicator. Significance cannot be determined until end-of-year.
- Values between the UCI and LCI infer that nothing significant has occurred to increase or decrease mishap rate.

(Confidence Interval is based on: Poisson Rate related to a Chi Squared Distribution and calculated using FY16-20 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).